Contents Volume 61, 1987

Rheotaxis and distribution of oysters and mussels, Georgia tidal creeks and salt marshes, U.S.A.
R. W. Frey (Athens, GA, U.S.A), P. B. Basan (Houston, TX, U.S.A.) and J. M. Smith (Corpus Christi, TX, U.S.A.) 1
Epizoan ecology and interactions in the Devonian of Spain
F. Alvarez (Oviedo, Spain) and P. D. Taylor (London, Great Britain) 17
North American nonmarine climates and vegetation during the Late Cretaceous
J. A. Wolfe and G. R. Upchurch (Denver, CO, U.S.A.) 33
Transfer functions between diatom assemblages and surface hydrology in the southern ocean
J. J. Pichon (Talence, France), M. Labracherie (Talence, France), L. D. Labeyrie (Gif-sur-Yvette, France) and J. Duprat (Talence, France) 79
Palynostratigraphy and chronostratigraphy of Baffin Bay deep sea cores: climatostratigraphic implications
A. de Vernal (Montréal, Que., Canada), C. Hillaire-Marcel (Montréal, Que., Canada), A. E. Aksu (St. John's, Nfld., Canada) and P. J. Mudie (Dartmouth, N.S., Canada) 97
Arrivals of Arabian origin among the ammonite faunas of Morocco during the Bajocian–Bathonian
R. Enay (Lyon, France), C. Mangold (Vandoeuvre-Lès-Nancy, France), R. du Dresnay (Rabat-Chellah, Morocco) and M. Rakus (Bratislava, Czechoslovakia) 107
Age and depositional environment of the Lower Tár "Member" of the Zímam Formation (Upper Senonian) in the northern Hamada al Hamra, Libya
J. Salaj (Bratislava, Czechoslovakia) and A. E. M. Nairn (Colombia, SC, U.S.A.) 121
Miocene hominoid environments of Europe and Turkey
K. Nagatoshi (Chicago, IL, U.S.A.) 145
Secular changes in the oxygen isotope ratios of mollusc shells during the Holocene of Central Japan
K. Chinzei (Tokyo, Japan), H, Koike (Urawa, Japan), T. Oba (Kanazawa, Japan), Y. Matsushima (Yokohama, Japan) and H. Kitazato (Shizuoka, Japan) 155
Dike age and erosion rate in southwestern Jordan
G. Osborn (Calgary, Alta., Canada) 167
The Late Pleistocene and Holocene stratigraphy and paleolimnology of lakes Kivu and Tanganyika
K. A. Haberyan (Durham, NC, U.S.A.) and R. E. Hecky (Winnipeg, Man., Canada) 169
Megaplanolites ibericus (ichnogen. et ichnosp. nov.), a new trace fossil from the Upper Jurassic (uppermost Oxfordian) of Bueña (Teruel Province, Iberian Chain, Spain)
J. M. Calvo, E. Gil and G. Meléndez (Zaragoza, Spain) 199
The palaeography of part of southwestern Gondwana during the Permo-Carboniferous glaciation
J. N. J. Visser (Bloemfontein, South Africa) 205
Taphonomy of the Lower Permian Geraldine Bonebed in Archer County, Texas
P. M. Sander (Zürich, Switzerland) 221
Lower Jurassic–Lower Cretaceous belemnite biogeography and the development of the Mesozoic Boreal Realm
P. Doyle (London, U.K.) 237
Biogeochemistry of nautiloids and paleoenvironmental aspects of Buckhorn seawater (Pennsylvanian), southern Oklahoma
U. Brand (St. Catherines, Ont., Canada) 255
Late Quaternary paleoenvironments of the Mahakam Delta (Kalimantan, Indonesia)
P. Carbonel and J. Moyes (Talence, France) 265
Trace fossils in fluvial deposits of the Duchesne River Formation (Eocene), Uinta Basin, Utah, U.S.A.
A. D'Alessandro (Bari, Italy), A.A. Ekdale (Salt Lake City, Utah, U.S.A.) and M. D. Pickard (Salt Lake City, Utah, U.S.A.) 285